

CLAIMS

1. A slide rule for music, including a first element (2,16) that includes a first set of indicia representing in linear form the structures of a plurality of musical scales, chords and/or modes, and a second element (6,27) that includes a second set of indicia representing the names of the notes of a chromatic scale; characterised by the second element (6,27) being constructed and arranged for movement relative to the first element (2,16) in two orthogonal directions, so as to indicate the relationship between the notes of the chromatic scale and the structure of a selected one of the musical scales, chords and/or modes.
2. A slide rule according to claim 1, wherein the first and second elements comprise concentric substantially cylindrical elements (6,27) that are constructed and arranged for rotational and axial relative movement.
3. A slide rule according to claim 2, wherein the first element (2,16) is located within the second element (6,27).
4. A slide rule according to claim 3, wherein the second element (6,27) includes at least one window (31) through which a portion of the first element (2,16) may be viewed.
5. A slide rule according to claim 4, wherein the said at least one window (31) comprises a slot or transparent portion that extends longitudinally and/or radially.
6. A slide rule according to any one of claims 2 to 5, including a third substantially cylindrical element (4,22) that is located concentrically between the first and second elements.
7. A slide rule according to claim 6, wherein the third element (4,22) is constructed and arranged for only axial movement relative to the second element (6,27) and only rotational movement relative to the first element (2,16).
8. A slide rule according to claim 6 or claim 7, wherein the second element (6,27) includes at least one window (34,38) through which a portion of the third element (4,22) may be viewed.
9. A slide rule according to any one of claims 6 to 8, wherein the second and third elements include aligned windows (31,18) through which a portion of the first element may be viewed.
10. A slide rule according to any one of claims 6 to 9, wherein the second element

(6,27) includes a third set of indicia representing various key signatures and the third element (4,22) includes a fourth set of indicia for indicating relative to the third set of indicia the appropriate key signatures for a selected note or key.

11. A slide rule according to any one of claims 6 to 10, wherein the third element (4,22) includes a fifth set of indicia representing graphically the pitch ranges of various musical instruments and/or voices and the second element (6,27) includes a sixth set of indicia for indicating relative to the fifth set of indicia the musical notes corresponding to a selected one of the pitch ranges.
12. A slide rule according to any one of claims 6 to 11, wherein the third element (4,22) includes a seventh set of indicia for indicating, relative to the second set of indicia, the degrees of a major and/or minor scale and/or the note designations of a chromatic scale, for a selected scale, chord and/or mode.
13. A slide rule according to any one of claims 2 to 12, including a substantially cylindrical fourth element (70) that is constructed and arranged for axial and/or rotational movement relative to the second element (6,27).
14. A slide rule according to claim 13, in which the fourth element (70) is constructed and arranged to be fitted removably around the second element (6,27).
15. A slide rule according to claim 13 or claim 14, in which the fourth element (70) includes indicia for transposition and/or reference purposes.
16. A slide rule according to any one of claims 13 to 15, in which the fourth element (70) includes an area adapted to receive pencil and/or pen markings.